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FIG. 1

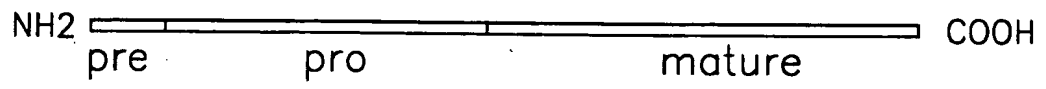
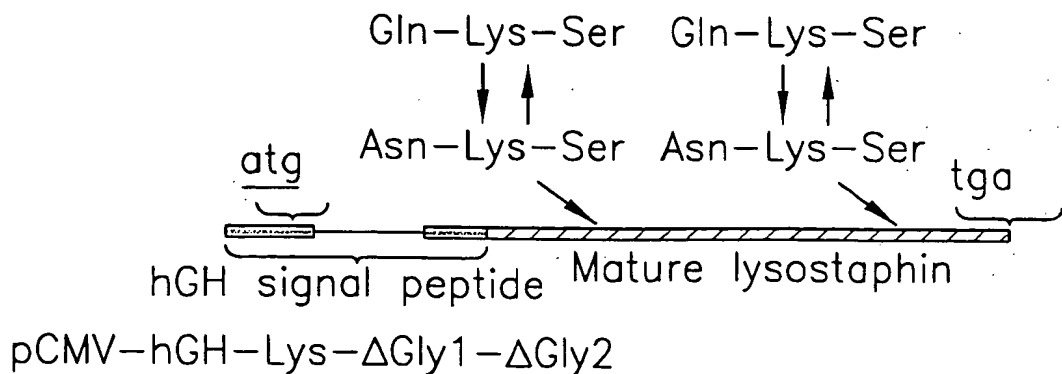
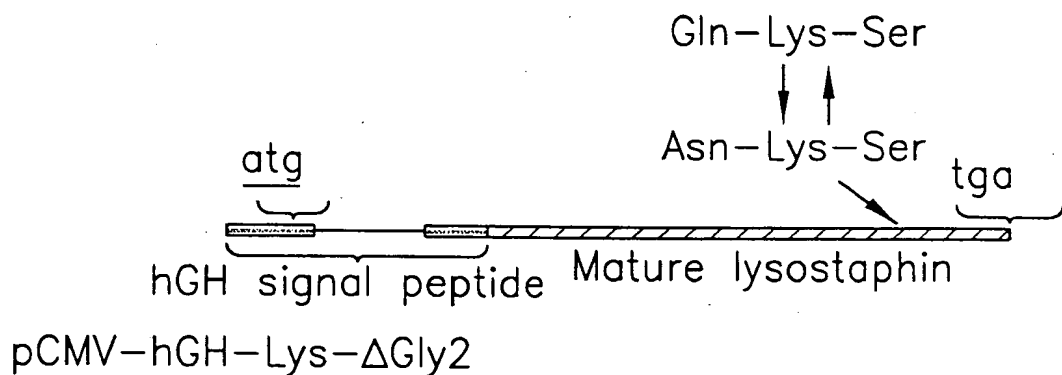
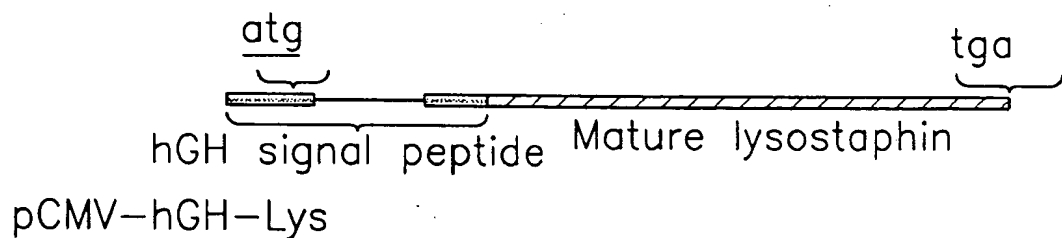
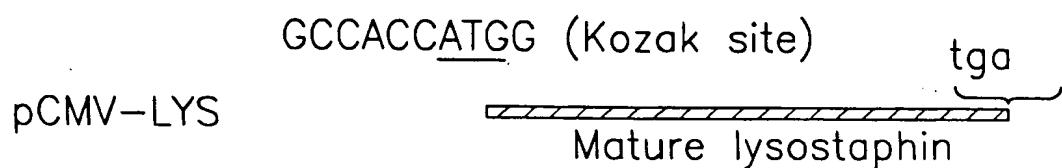
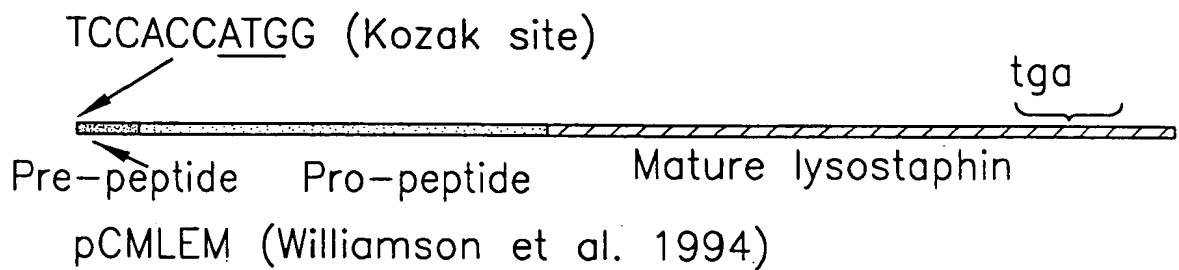


FIG.2

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FIG.3

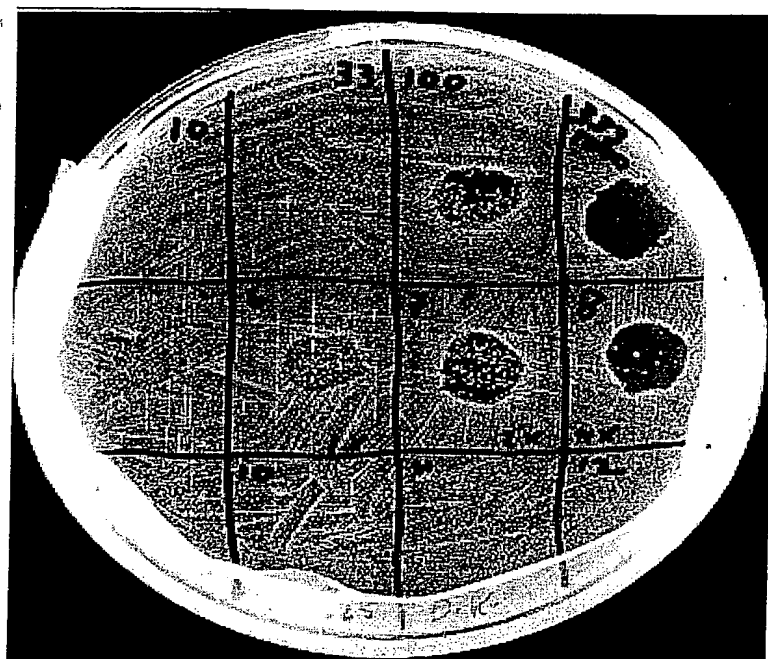


FIG.4

Plasmid	CH	Lys	GH	Lys	Lys
Reaction buffers	-	-	+	+	+
N-Glycosidase-F	-	-	-	+	-

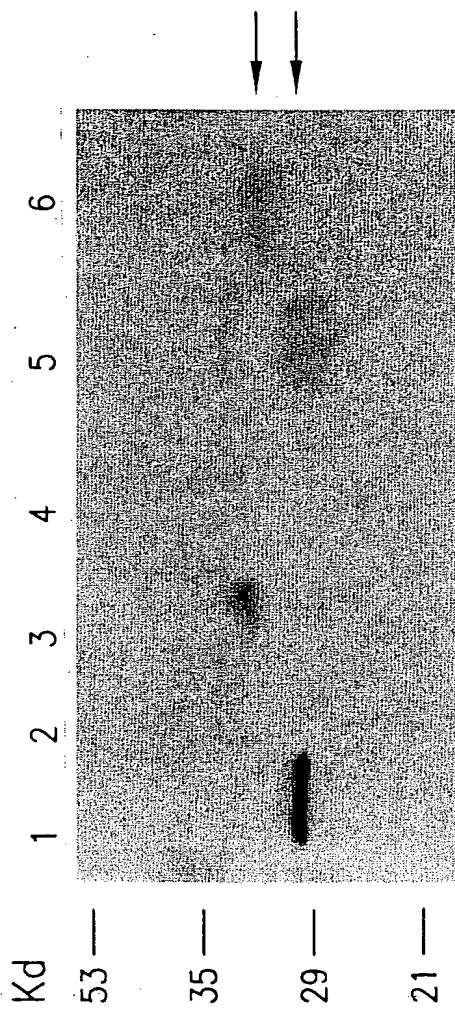


FIG. 5

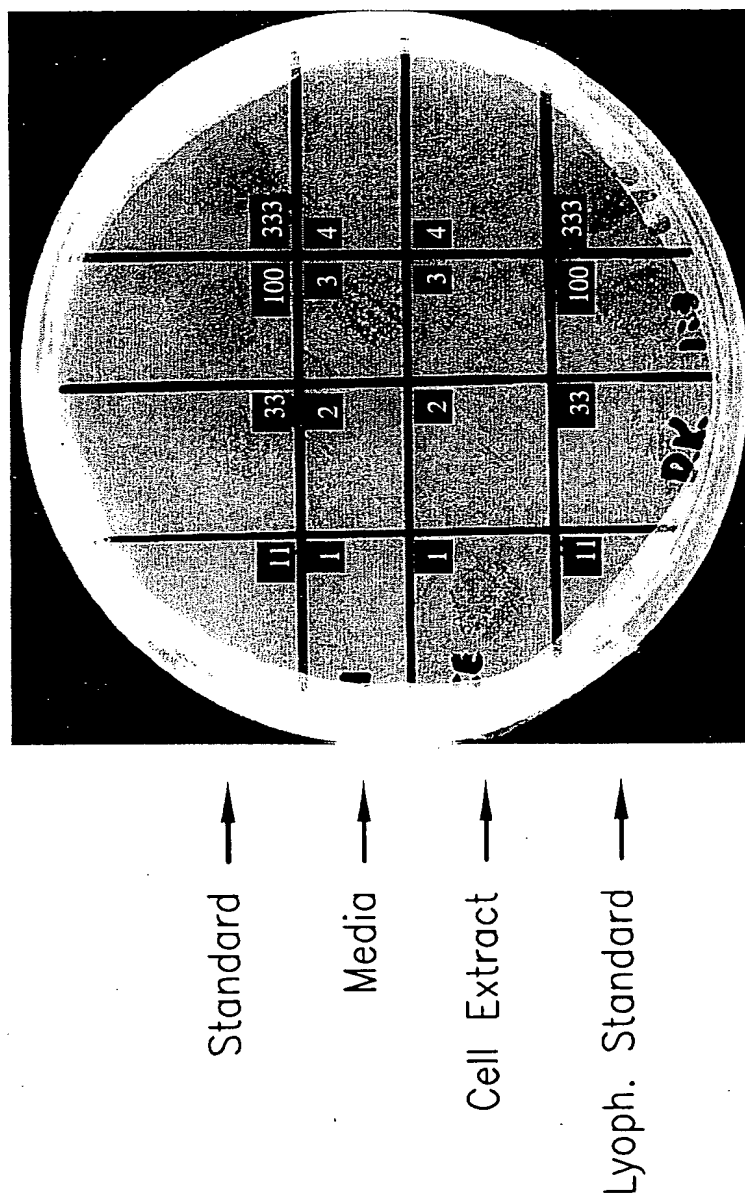
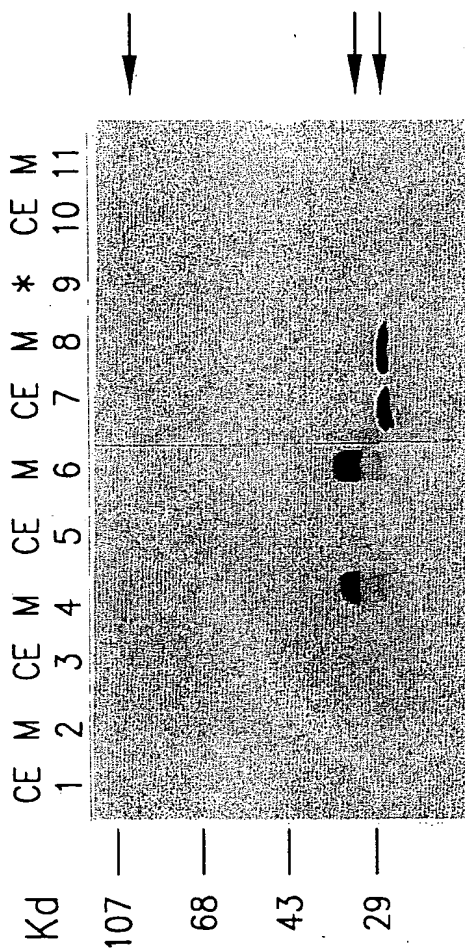


FIG. 6



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FIG.7A

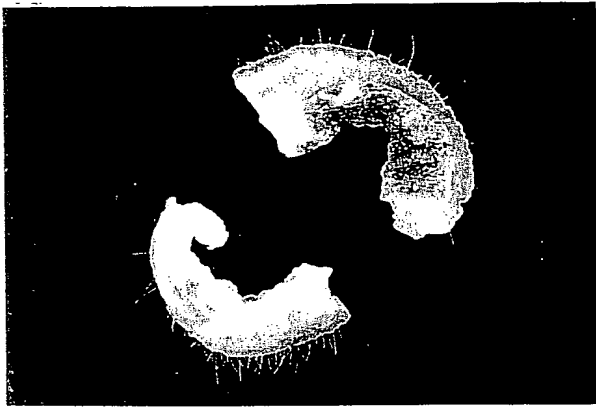


FIG.7B

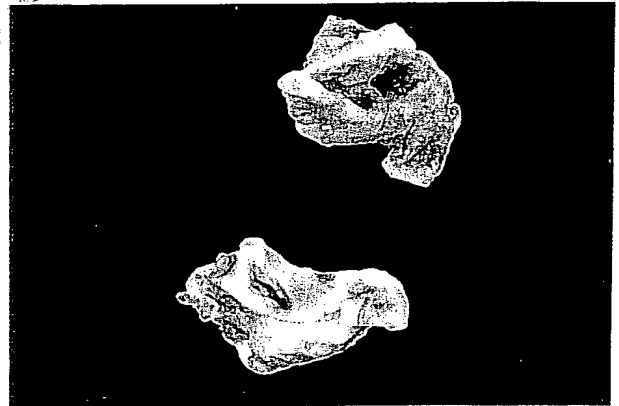


FIG.7C



FIG.7D

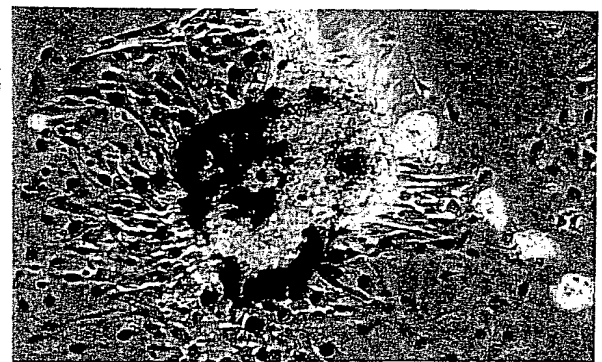


FIG.7E

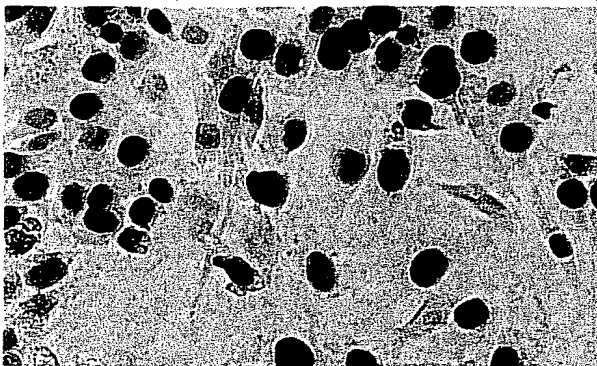
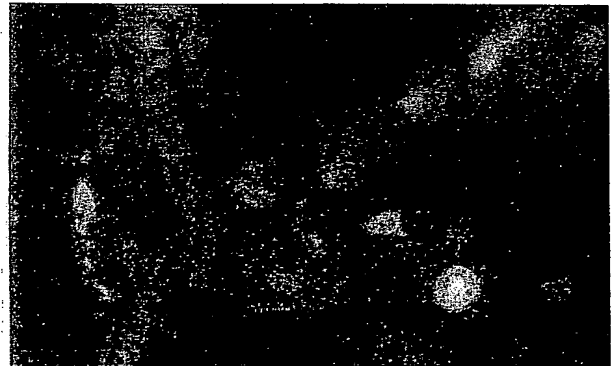
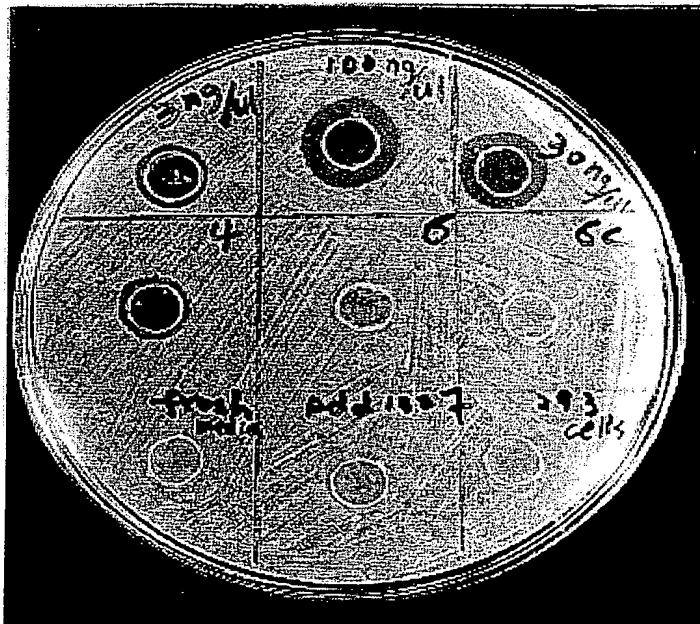


FIG.7F



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FIG. 8

[illegible]

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FIG. 9

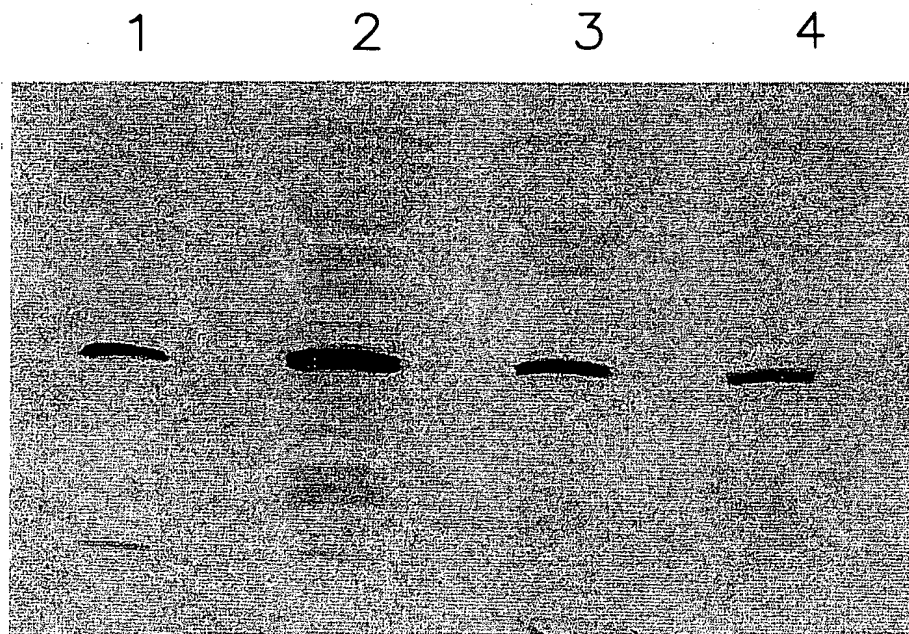


FIG. 10

Lysostaphin
(ng/ml)

Dilutions of
Transgenic Milk

Dilutions of
Control Milk

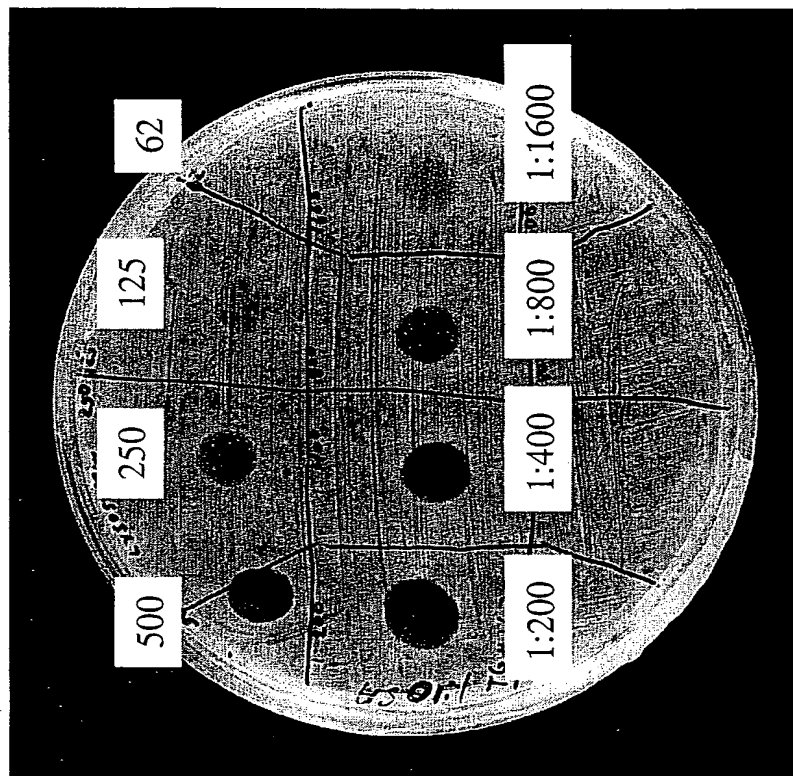


FIG.11-1

A.
ORIGIN

1 ccggaactct tgaatgttta gttttgaaaa ttccaaaaaa aaacctactt tcttaatat
61 gattcatatt attttaacac aatcagttag aatttcaaaa atcttaagtc caatttttga
121 gtgtgtttgt atatttcate aaatcaate aatattttt tactttcttc atcgtaaaa
181 aatgtaatat ttataaaaat atgctattct cataaatgta ataataaatt aggaggattt
241 aaggttgaag aaacacaaaa acaattatta tacgagacct ttagctattg gactgagtac
301 atttgectta gcatctattg tttatggagg gattcaaaat gaacacatg cttctgaaaa
361 aagtaatatg gatgtttcaa aaaaagtagc tgaagtagag acttcaaaag cccagtaga
421 aaatacagct gaagtagaga cttcaaaagc tccagtagaa aatacagctg aagtagagac
481 ttcaaaagct ccagtagaaa atacagctga agtagagact tcaaaagctc cagtagaaaa
541 tacagctgaa gtagagactt caaaagctcc ggtagaaaat acagctgaag tagagacttc
601 aaagcecca gtagaaaata cagctgaagt agagacttca aaagccctgg ttcaaaatag
661 aacagcttta agagctgcaa cacatgaaca ttacgcacaa tgggtgaata attacaaaa
721 aggatattgt tacggctcct atccattagg tataaatggc ggtatgcact acggagttga

To Fig.11-2

FROM FIG.11-1

FIG.11-2

781 ttttttttatg aatatggaa caccagtaa agctatttca agcggaataa tagtgaagc
841 tggttggagt aattacggag gaggtaatca aataggtctt attgaaatg atggagtga
901 tagacaaagg tataatgcat taagtaata taatgttaa gtaggagatt atgtcaagc
961 tggtaata atcggttggc ctggaagcac tggttattct acagaccac atttacactt
1021 ccaagaatg gttaattcat ttcaaatc aactgccaa gatccaatgc ctttcttaa
1081 gagcgagga tatggaaaag caggtggtac agtaactcca acgccgata caggtggaa
1141 aacaacaaa tatggcacac tatataatc agagtcagct agcttcacac ctaatacaga
1201 tataataca agacgactg gtccatttag aagcatgccg cagtcaggag tcttaaagc
1261 aggtcaaca attcattatg atgaagtgaat gaacaagac ggatcatgttt gggtaggtta
1321 tacaggtaac agtggccaac gtatttactt gccgtgaaga acatggaata aatctactaa
1381 tacttttaggt gtcttttggg gaactataaa gtgagcgcgc tttttataaa cttatatgat
1441 aattagagca aataaaaatt ttttctcatt cctaaagtga aagctt

To Fig.11-3

FROM FIG.11-2

FIG.11-3

B.
BASE COUNT
ORIGIN

1 gctgcaacac atgaacattc agcaaatgg ttgaataatt acaaaaagg atatggttac
61 ggtccttate cattaggtat aatggcggt atgcactacg gagttgattt ttttatgaat
121 attggaacac cagtaaagc tatttcaagc ggaaaatag ttgaagctgg ttggagtaat
181 tacggaggag gtaatcaaat aggtcttatt gaaatgatg gagtgcatag acaatggtat
241 atgcattctaa gtaaatataa tgttaagta ggagattatg tcaagctgg tcaataatc
301 ggttggtctg gaagcactgg ttattctaca gcaccacatt tacacttcca aagaatggtt
361 aattcatttt caatttcaac tgcccgaagt ccaatgcctt tcttaagag cgcaggatat
421 ggaagaagcag gtggtacagt aactccaacg ccgaatacag gttggaaaac aaacaatat
481 ggcaactat ataatcaga gtcagctagc ttcaacacta atacagatat aataacaaga
541 acgactggtc catttagaag catgccgcag tcaggagtct taaagcagg tcaacaacatt
601 cattatgatg aagtgatga acaagacggt catgtttggg taggttatac aggtaacagt
661 ggccaacgta ttacttgcc tgtaagaaca tggaataaat ctactaatat tttaggtggt
721 ctttggggaa ctataaagt a

FIG. 12

"MKKTKNNYYTRPLAIGLSTFALASIVYGGIQNETHASEKSMDV
SKKVAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAE
VETSKAPVENTAEVETSKAPVENTAEVETSKALVQNRTALRAATHEHSAQWLNNYKKG
YCYGPYPPLGINGGMHYGVDFFMNIGTPVKAISSGKIVEAGWSNYGGGNQIGLIENDGV
HRQWYMHLSKYNVKVDYVKAGQIGWSGSTGYSTAPHLHFQRMVNSFSNSTAQDPMP
FLKSAGYCKAGGTVTPNTGCWKTNKYGTLYKSESASFTPNTDIITRTGPFERSMPQS
GVLKAGQTIHYDEVKQDCHVWVGTYGNSGQRIYLPVRTWNKSTNTLGVLWGTIK"

FIG.13

ORIGIN

```
1 gccgcacac atgaattc agcaaatgg ttgaataatt acaaaaagg atatggttac
61 ggccttate cattaggtat aatggcggt atgcactacg gagttgattt ttttatgaat
121 attggacac cagtaaagc tatttcaagc ggaaaaatag ttgaagctgg ttggagtaat
181 tacggaggag gtaatcaat aggtcttatt gaaatgatg gagtgcatag acaatggtat
241 atgcattctaa gtaatatataa tgttaaagta ggagattatg tcaagctgg tcaataatc
301 ggttggctcg gaagcactgg ttattctaca gccaccattt tacactcca aagaatggtt
361 aactcatttt cacagtcac tgcccaagat ccaatgccct tcttaaagag cgcaggatat
421 ggaagaagcag gtggtacagt aactccaacg ccgaatacag gttggaaac aaacaatat
481 ggcacactat ataatacaga gtcagctagc ttcacacctc atacagatat aataacaaga
541 acgactggtc catttagag catgccgcag tcaggagtct taaagcagg tcaacaactt
601 cattatgatg aagtgatgaa acaagacggt catgtttggg taggttatac aggtaacagt
661 ggccaacgta ttactttgcc tgtgagaaca tggcagaagt ctactaatc tctgggtgtt
721 ctgtggggaa ctataaagt a
```

FIG.14-1

A.
ORIGIN

1 tgtgtgcgtg ctccattcg ttcatgtcg ccacgcgcac ggccgcgctt tgcgacgcga
61 tcgcgcaccg tgtgaaccgc attgaggaat ggccgttcgg caagcgcattg tacggccctcg
121 atttgaacgt gcgtgcacg acagcgtcg gccgcggtc agagtccggc gccgcggta
181 tacggacagc gatcgcgcg tcgccgatg acgaacggc gtgcgcgtca gtgcgatgcg
241 ccgctgcgcg ctggcgttcc ggcttcgcg gcgcagcgcg gtccaccact ctccaacgt
301 ctttctcggg agcagcatat gaagaagatt tccaaggcgg gactgggct ggcgtggtg
361 tgcgcgtgg cgacgatcgg cggcaacgca gcgcgcaggg ccacggctca gcggcgaggga
421 tctggtgtat tctacgacga gatgttcgac ttcgacatcg atgcgcattt ggccaagcat
481 gcgcgcgcatc tgcacaagca ctcggaagag atctgcgact gggccggcta cagcgggatac
541 agccgaagtg ttgatcgcgc tgatggagca gcagagcgcg cggtaacgcc aagcgcgcga
601 cgaatcgtcc gttcggcaag ctggcgcgcg ccgacggctt cggcgcgcag acccgcgagg
661 tcgcgctggc gctgcgcgag tcgctgtacg agcgcgatcc cgacgcgcca aggggccggt
721 gacgctggcc cgcgccaatc cgctgcaggc gctgttcgag cgttccggcg acaacgagcc
781 ggcggccgcg ctgcgcggcg acggcgagtt ccagctggtc tacggccgcc tgttcaacga

To Fig.14-2

FROM FIG.14-1

FIG.14-2

841 accgcccag gccaggcgg cttcgaccg cttcgccaag gccggcccgg acgtgcagcc
 901 gtgtgccca acggcctgct gcagttccc tcccgcgcg gcgccagctg gcatgtcggc
 961 ggcgccaca ccaacaccg ctcgggcaat taccgatgt cgtcgtgga catgtcgcgc
 1021 ggcggcggt ggggcagca ccagaacggc aactgggtgt cggcctcggc cgccggctcg
 1081 ttcaagcgc actcttcgtg cttcgcgag atcgtgcaca ccggcggctg gtcgacgacc
 1141 tactaccac tgatgaacat ccagtacaac accggcgcca acgtgtcgat gaacaccgcc
 1201 atcgccaacc cggccaacac ccaggcgag gcgtgtgca acggcggcca gtcgaccggc
 1261 ccgacgagc attggtcgtt gaagcagAAC ggcagcttc accaccaca cggcaccac
 1321 ctgtcgggt atcgcatcac cgcgaccggc agcagctatg acaccaactg cagccggttc
 1381 tatctgacca agaaccggca gaactactgc tacggctatt acgtcaaccc gggcccgaac
 1441 tgaggctcg cgcgtcgtt gcccgctcc tcaagcgc cagcgcggg gcgcgggac
 1501 cggccgggtc aggtcgaatt

FIG. 14-3

B.

"MKKISKAGLGLALVCALATIGGNAARRATAQRRGSGVFYDEMFD

FDIDAHLAKHAPHLHKHSEEISHWAGYSGISRSVDRADGAAERAVTPSARRIVRS

ASWRAPTASARRPARSRWRCASRCTSAIPTRQGAGDAGPRQSAAGAVRAFRQRAG

GRAARRRRVPAGLRPPVQRTAPCGGGFGPLRQGRPCRAAVSPNGLLQFPFPRGASWHVG

GAHTNTGSGNYPMSSLDMSRGGGWSNQNGNWVSASAAGSFKRHSSCFAEIVHTGG

WSTTTYHLMNIQYNTGANVSMNTAIANPANTQAQALCNGGQSTGPHEHWSLKQNGSFYH

LNGTYLSGYRITATGSSYDTNCSRFYLTKNQNYCYGYVYNPGPN"

FIG. 15-1

A.
ORIGIN

```

1 gaaattcca aaaaaaac tactttctta atattgattc atattatttt aacacaatca
61 gttagaattt caaaatctt aaagtcattt tttagtgtag ttgtatatatt tcatcaagc
121 caatcaatat tatttttactt tcttcategt taaaaatgt aatatttata aaatatgct
181 atttcataa atgtaataat aaattaggag gtattagggt tgagagaac aaaaaaat
241 tattatacga cacccttagc tattggactg agtacatttg ccttagcacc tattgtttat
301 ggagggattc aaatgaac acatgcttct gaaaaagta atatggatgt ttcaaaaaa
361 gtagctgaag tagagacttc aaaccccca gtagaaata cagctgaagt agagacttca
421 aaagctccag tagaaatac agctgaagta gagacttcaa aagctccagt agaaataca
481 gctgaagtag agacttcaa agctccagta gaaatacacg ctgaagtaga gacttcaaaa
541 gctccggtag aaatacacg tgaagtagag acttcaaaag ctccggtaga aatatcacgt
601 gaagtagaga cttcaaaag ccagtagaa aatacacgtg aagtagagac ttcaaaagct
661 ccagtagaaa atacagctga agtagagact tcaaaagctc cggtagaaaa tacagctgaa
721 gtagagactt caaaagccc agtagaaat acagctgaag tagagacttc aaagctcca
781 gtagaaata cagctgaagt agagacttca aaagctccgg tagaaatac agctgaagta
841 gagacttcaa aagcccaggt agaaataca gctgaagtag agacttcaa agccctgggt

```

To Fig. 15-2

FROM Fig.15-1

FIG.15-2

901 caaatagaa cagctttaag agctgaaca catgaacatt cagcaaatg gttgaataat
 961 tacaaaaag gatatggtta cggctcttat ccattaggtta taatggcgg tatccactac
 1021 ggagttgatt tttttatgaa tattggaaca ccagtaaaag ctatttcaag cggaaaaata
 1081 gttgaagctg gttggagtaa ttacggagga ggtaatcaaa taggtcttat tgaaatgat
 1141 ggagtgcata gcaatggta tatgcattcta agtaaatata atgttaagt aggagattat
 1201 gtcaagctg gtcaaatat cggttggtct ggaagcactg gttattctac agcaccacat
 1261 ttacacttcc aaagaatggt taattcattt tcaattcaa ctgcccaaga tccaatgcct
 1321 ttcttaaga gcgcaggata tggaaaagca ggtggtacag taactccaac gcccaataca
 1381 ggttggaata caacaaata tggcacacta tataaatcag agtcagctag cttcacacct
 1441 aatacagata taataacaag aacgactggt ccatttagaa gcatgccgca gtcaggagtc
 1501 ttaaagcag gtcaaacat tcattatgat gaagtatga aacaagacgg tcatgtttgg
 1561 gtaggttata caggtaacag tggccaacgt atttacttgc ctgtaagaac atggaataaa
 1621 tctactaata ctttagtgt tctttgggga actataaagt gagcgcgctt ttataaact
 1681 tatatgataa ttagagcaaa taaaattttt ttctcattcc taagttgaa gcttttcgta
 1741 atcatgtcat agcgtttcct gtgtgaatt gcttagcctc acaattccac acaacatacg
 1801 agccggaaca taagtgcta agcct

FIG.15-3

B

"MKTKNNYYTTPLAIGLSTFALASIVYGGIQNETHASEKSNMDV

SKKVAEVETSKPPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAE

VETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKA

PVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTA

EVETSKALVQNR TALRAATHEHSAQWLNNYKKGYGYPPLGINGGIHYGVDFFMNIG

TPVKAISSCKIVEAGWSNYGGGNQIGLIENDGVHRQWYMHLSKYNVVKVDYVKAGQII

GWSGSTGYSTAPHLHFQRMVNSFSNSTAQDPMPLKSAGYGKAGGTVTPTNTGWKTN

KYGTLYKSESASFIPNIDIITRTTGPFRSMPQSGVLKAGQTIHYDEVKQDGHVWVG

TCNSGQRIYLPVRTWNKSTNTLGVLWGTIK"

ORIGIN

FIG. 16-1

1 gatatacatt caagacaga tattctaag aaagatata ttttaaaaa tgtggtgaa
 61 aaaattaag aaattcacga ttttgactat atatttatg atgtaccacc tactattaac
 121 tctgatttca ctaataatgc tgtttacga agtgattaca ttttaattgt atttcaaca
 181 caacaatcg cttatgaag tagctttca ttgtttaatt ttttaagga tcgaaaaaa
 241 gaatcagatt tatcatttga attggtggc gctgttccag tattaattaa aaaagtga
 301 cgtgtagata aacagatatt agtatgtct aatcagcat tttctgaagc actctttgag
 361 aaccagatat atcaagaga aagaataaaa aaatttgccg ctgatggaat aaagataaa
 421 gatatgcatt acaaaaagt tatatatatg ttttaacaaag tctacgaaga attagttgat
 481 agagttagat taattgaagg tgagtatat ttatggcagg atttttagat aacatagata
 541 catctgaggt aaatatatcg gaaattata accggatc taaagtacg actatgagag
 601 tggacactga tataaaaaa agattaatc aatggcgtt agataaagat acatctataa
 661 aggtatagt tgatgaagt ttaggagaat ttttgaaaa aaataagtat tagtatttta
 721 tataggctct atactattta ggactggtga taatcacatag tctattttt gatacaaaa
 781 agcgcaatta tctctataat tagaagtatc ctaccacca taattaagga aataatgcgc
 841 ctatgtctaa tattatatca atcaccttg gaattaaaga taaaatatc acttttgaag
 901 ataagggtga agaagtata agggaaaaa ttctttattt tactttggaa aattaatata
 961 ttctcccaag cgatgtaaac ttgcggaca cgaataatag aacttttcta taatcaaaaa
 1021 tggttttaaa aatcatgtc ttacgatacc taaggatatcg gagaagccag ctatttaatt

To Fig. 16-2

FROM FIG.16-1

FIG.16-2

1081 attggaataa cagcggttcc actgtataaa gtgctgcagt tatttcaactg ctgaacacc
 1141 tgtcggttgag tggatttgc ttttcttca aacacacga ttagctgtgc tgaataagtc
 1201 gatagacata cgttcgcaaa aatctgttgc tgaatcttgt catgtcagta attccacagt
 1261 tactcgata attaataaag ctgcttctca aatagctcaa acaccggtta aatatttacc
 1321 ggaacacttg atgatggatg agttcaaaag cgttaaaaat gtgtcggta aatgagttt
 1381 tatttatgca gatgcagtaa cacacgtat tattgatatt gtgctgacc gcaggttatt
 1441 tgccttgaaa aattatttct accgttatcc tcttctgaa agaaaatgtg tgaagcagt
 1501 gtcatttgat atgtatgaac ctatatggc ttgtatcaga gaagtttttc ctaatgccaa
 1561 aattctataa gttcatttcc atattgttca gtccttaaat aaagccttga acatgactcg
 1621 agtaacagtt atgaatagtt tcagacaac tgaagacct ctatacaaca agtacaagcg
 1681 ttactggaag attcttttaa aactgccttg aaaaatatag aatcaatag cgttgctcct
 1741 aaacttcaa cagctgttaa aacactaaga aagcacata gaatgataag aaatactttt
 1801 gaatacagta acttgacca cggttcaact gagggataa atactaaat aaagctgata
 1861 cagagaatat cttttggtta tagaaatttt ggtgatttac gcagtcgtat cattttatgt
 1921 acaaatcttt ttgcagctaa tccaaaaaa gagatcaagc aactttatgc tgcttaatct
 1981 ctgcggttta gctcaccagt cttatttgac agagagccaa taaatttaac ggaggagaaa

To Fig.16-3

FROM FIG.16-2

FIG.16-3

2041 ggattcgac caagcaagc acatacatgc tcctaattaa taaaatata ttaateccct
 2101 taatccagac ttgggtatcc ctccacaagc attatttaat gctaataata catatataac
 2161 aacaaatgta aatatgtatt tataaggaa aggatattaa aattattctg agttatataa
 2221 ggtagtattc ataateatcc taagttgaa gtcgaaaagc ttcaacttta ggaatgagaa
 2281 aaaattttta ttgctcttaa ttatcatata agttataaa aagcgcgctc actttatagt
 2341 tccccaaaga acacctaaag tattagtaga ttatttccat gttcttacag gcaagtaaat
 2401 acgttgcca ctgttacctg tataacctac ccaacatga cegcttgtt tcatcacttc
 2461 atcataatga attgtttgac ctgctttta gactcctgac tgcggcatgc ttctaaatgg
 2521 accagtcggt cttgttatta tatctgtatt aggtgtgaag ctagctgact ctgatttata
 2581 tagtgtgcca tatttgtttg ttttccaacc tgtattcggc gttggagtta ctgtaccacc
 2641 tgcctttcca tatcctgcgc tccttaagaa aggcattgga tcttgggcag ttgaatttga
 2701 aatgaatta accattcttt ggaagtgtaa atgtggtgct gtagaataac cagtgcctcc
 2761 agaccaaccg attatttgac cagcttgac ataactcct actttaacat tatatttact
 2821 tagatgcata taccattgtc tatgcactcc atcattttca ataagacctt ttgtattacc
 2881 tectccgtaa ttactccaac cagcttcaac tatttttccg cttgaaatag cttttactgg
 2941 tgttccaata ttcataaaa aatcaactcc gtagtgcata ccgcatttta tacctaattg

To Fig.16-4

FROM FIG.16-3

FIG.16-4

3001 ataaggaccg taaccatata cttttttgta attattcaac cattgtgctg aatgttcatg
 3061 tgttgacgt cttaaagctg ttctattttg aaccaggget ttggaagtct ctacttcagc
 3121 tgtattttct actggggctt ttgaagtcct tacttcagct gtattttcta cggagacttt
 3181 tgaagtcct acttcagctg tattttctac tggagctttt gaagtcctta cttcagctgt
 3241 attttctact ggggcttttg aagtcctctac ttcagctgta ttttctaccg gagcttttga
 3301 agtcctact tcagctgtat ttctactgg agcttttga gtcctactt cagctgtatt
 3361 ttctactgg gcttttgaag tcctacttc agctgtattt tctaccggag ctttttgaagt
 3421 ctctactca gctgtattt ctaccggagc ttttgaagtc tctacttcag ctgtattttc
 3481 taccggagct ttggaagtct ctacttcagc tgtattttct actggagctt ttgaagtcct
 3541 tacttcagct gtattttcta ctggagcttt tgaagtcctct acttcagctg tattttctac
 3601 tggagctttt gaagtcctta cttcagctgt attttctact ggggcttttg aagtcctctac
 3661 ttcagctact ttttttgaac catccatatt actttttca gaagcatgtg ttccattttg
 3721 aatccctcca taaccaatag atgctaagc aatgtactc agtccaatag ctaaaggctt
 3781 cgtataataa ttgttttttg ttttcttcaa ccttaatacc tcctaattta ttattacatt
 3841 tatgagaata gcataatttt ataatatata cattttttaa cgatgaagaa agtaaatata
 3901 tattgattga ttttgatgaa atatacaaac acactcaaaa attgacttta agatttttga

To Fig.16-5

FROM Fig.16-4

FIG.16-5

3961 aattctaact gatttgttta aataatatg aatcaatatt aagaagtag gttttttttt
 4021 ggaattttca aaactaaca ttcaagagtt cgaagaattt gtgtttcaaa aatgtcttca
 4081 ttacacaca tctgcttctc attttgaata tagaataac catcagaata atgtgcattt
 4141 agttggcgta aaaaatgaaa caggtgaagt attagctgct tgtttactga ctgaggcacg
 4201 ttgtttaag ttctttaaat attcttatac acatcgcggt ccagtcatga actttaaga
 4261 ccatgagtta gtcagatttt ttatatgaaa cttacgacc tatctaaaa agcaaaactg
 4321 cttatatgtt ttaactgacc cttacctgtt agaaatattt cgaagtgtg acggagaaat
 4381 ccttgaatct tatgataacg aaacttttat gaacgtgatg aattttattag gttaccgtca
 4441 tcaagggttt actacaggtt attctcaac aagtcagatc agatggttgt cggctttaaa
 4501 cctagaaaat aaagatgaaa acaatttgtt aaagaaatg gattatcaaa cagccgtaa
 4561 tattagaaa acctatgaaa tgcaggtgaa agtccgcgat ttatcaatta atgaacacaga
 4621 tcgatttttt aaattattta aatggctga agaaaacat ggcttcaat tcagagaaca
 4681 aagttatttt gaagaatgc agaaacata cgtgataat agtatgttaa agctggctta
 4741 catcgattta gaagaattat tagagacaca aatgcgaaa gtcgctgagt taaatacaga
 4801 tattgaaaat attcaagcgg cattaaaga aaacctaat tctaagaaa acaaaaataa
 4861 atatgcgcaa taccaaaagc aattagcgc caagaacga aaattactg aaacgaaaaa

To Fig.16-6

FROM FIG.16-5

FIG.16-6

4921 attgatagaa acagatggac ctgtattaga cttagctgca gcttactata tctatacccc
 4981 tcatgaagtt tactacctat ccagtgggtc aaacctaaa tacaatgcct atatgggtgc
 5041 gtacagactc caatgggaaa tgattcaatt tgcgaaaaat aaaggattta atcgctataa
 5101 tttttacggt attacaggag atttcagtga agatgctgaa gatttcggtg ttcaaaaatt
 5161 caagaaggc tttaatgccc atgttgaaga atatgtcggc gacttcatta aaccgattaa
 5221 acctttattt tataaaattc atcaattatt aatatagataa ctgaaaatta tttagtcctt
 5281 gttaatcaaa tatgacacct caaatgggt gtgaagagaa ctatattttc aaaggcgtta
 5341 atctcgacat cagcgaaggt aaacgttcta gttttacatt cttaactact aagatgctat
 5401 aatttggtta acgaagatta tatgcatatt aagcacctac ttccatcgaa aatatcgccg
 5461 gaagataaga cgactatatt attataccat ctgtaaatat acaagcatat atacttc tga
 5521 taacagaacc ttgtagctga tgctggctat ggtagtaaaa gtaaggtttt gtttcaaagt
 5581 aaaaaatata gctaaccact aatttatcat gtcagtgttc actcaacttg ctagecatgat
 5641 gctaatttcg tggcatggcg aaatccgta gatctgaaga gatctgcggt tctttttata
 5701 tagaccgtaa atacattcaa taccttttaa agtatctctt gccgtattga tactttgata
 5761 ccttgctctt ctacttttaa tatgacgggt gccttgctca ataaggttat tccgatattt
 5821 cgatgtacaa tgacagtcac gtttaagttt aaagcctta atgactttag ccatggctac

To Fig.16-7

FROM FIG.16-6

FIG.16-7

5881 cttcgttgaa ggtgcctgat ctgtaattac cttttgaggt ttaccaaat gtttaattgag
5941 acgtttgata aacgcatacg ctgaatgatt atctcgttgc ttacgcaagc aaatatctaa
6001 tgtatgggtt ctgtttttta taatacttta gaaacccag cattatatgt atcaactgata
6061 tttatattta ttttcatat aaatacttga acaaaaaatt catatttaatt tttctttgtt
6121 gactaacaat atttatttat aagtatttgc tgtcattatt ctaattttatg gaggcggtt
6181 tttatgaact ttaaatattt gtatgagaaa ttttcttggg tgagtccttgc ttggatttta
6241 gtgtcatgca gtgtcttaag tggatatctg actccctttt gggaaattcca ataggatat
6301 ttttaggctt atatttggat ggattactaa aaagggatgc ttcttgatat taacttaatt
6361 ttttaataact ccagctaatt actgttaag ttgtataaatt attaaattaa ggaacacatta
6421 caagaaaagg aatgcataat ttgtatttcc ttttcttcta atgttataaa aattaagatg
6481 ttatacccta tctttattaa tgctataaac cgtctgcctt gtgatatac

FIG. 17

"MKKTKNNYYTRPLAIGLSTFALASIVYGGIQNETHASEKSNMDV

SKKVAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVE

NTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVET

SKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVENTAEVETSKAPVE

NTAEVETSKAPVENTAEVETSKALVQNRTALRAATHEHSAQWLNNYKKGYYGYP

LGINGGMHYGVDFFMNIGTPVKAISSGKIVEAGWSNYGGNQIGLIENTGVHRQWYMH

LSKYNVKVGDYVKAGQIGWSGSTGYSTAPHLHFQRMVNSFSNSTAQDPMFPLKSAGYG

KAGGTVTPTPNTGWKTNKYGTLKSESASFPTNTDII TRTTGPFERSMPQSGVLKAGQTIH

YDEVMKQDGHVWVGTYGNSGQRIYLPVRTWNKSTNTLGVLWGTIK"